

**IN THE CLAIMS:**

A complete listing of the Claims is set forth below. Please amend the Claims as follows:

1. **(Currently Amended) For use in a cooking device capable of accessing a communications system, a high speed oven for combining hot air impingement cooking and microwave cooking, said high speed oven comprising:** ~~An improved oven for use in a residence, comprising:~~

~~(a) an oven including:~~

~~(1) a cooking chamber;~~

~~(2) a programmable controller for executing program instructions;~~

~~(3) memory media for recording executable program instructions; and~~

~~(4) at least one controllable cooking system under control of said programmable controller, providing a data-processing-controlled high speed cooking process which may be applied to for food placed in said cooking chamber;~~

~~(b) a plurality of cooking programs recorded in said memory media of said oven high speed oven, each of said plurality of cooking programs divided into a predetermined duration of states in a cooking cycle which are capable of running for a predetermined percentage of a total cook time, wherein each of said plurality of cooking programs define for defining a plurality of high speed cooking routines for alternating hot air impingement cooking and microwave cooking at fixed increments of capacity for a predetermined time; available for use with said oven;~~

~~(c) a gateway server communicatively coupled to a plurality of household systems and further communicatively coupled to said programmable controller for managing the communication of digital data content which is at least in-part related to operation and utilization of said high speed improved oven; and~~

~~(d) a broadband communication channel extending from a source of digital data content, which is external to a said residence, to said residence, for delivering particular digital data content related to said high speed oven through said gateway server for distribution within said residence including distribution to said programmable controller of said high speed oven in order to facilitate cooking operations utilizing said high speed oven.~~

2. **(Currently Amended)** The high speed An-improved oven according to claim 1, wherein said gateway server comprises a data processing device housed in a location external to said high speed improved oven.

3. **(Currently Amended)** The high speed An-improved oven according to claim 1, wherein said gateway server comprises at least one data processing device from the following data processing devices:

- (1) a home personal computing system;
- (2) a set top cable box;
- (3) an internet appliance;
- (4) a combination television and internet appliance;
- (5) a home automation system;
- (6) a satellite communication system;
- (7) a residential broadband bi-directional communication system.

4. **(Currently Amended)** The high speed An-improved oven according to claim 1, wherein said gateway server and said programmable controller of said high speed oven communicate through an input/output system which allows at least one of the following types of communication;

- (1) serial communication of data;
- (2) parallel communication of data;
- (3) communication of control signals;
- (4) communication of digital data content.

5. **(Currently Amended)** The high speed An-improved oven according to claim 1, wherein said programmable controller of said high speed improved oven is communicatively coupled through said gateway server to at least one of the following devices:

- (0) a home personal computing system;
- (1) a home television system;
- (2) a home video display system;
- (3) a code reading device; and
- (4) a wireless and portable internet appliance.

6. **(Currently Amended)** The high speed An improved oven according to claim 1, wherein said programmable controller of said high speed improved oven operates collaboratively with said gateway server to define a broadband communication system which allows a the bi-directional communication of digital data content between a residence and resources external of said residence.

7. **(Currently Amended)** The high speed An improved oven according to claim 6, wherein said broadband communication system allows communication speeds as low as a slow modem connection and as high as the highest commercially possible data rates.

8. **(Currently Amended)** For use in a cooking device capable of accessing a communications system, a high speed oven for combining hot air impingement cooking and microwave cooking, said high speed oven comprising: An improved oven for use in a residence, comprising:

(a) an oven including:

- (1) a cooking chamber;
- (2) a programmable controller for executing program instructions;
- (3) memory media for recording executable program instructions; and

(4) a plurality of cooking energy sources, which are different from one another, which are under control of said programmable controller, and which together provide a data-processing-controlled high speed combination cooking process for food placed in said cooking chamber;

(b) a plurality of cooking programs recorded in said memory media of said oven high speed oven, each of said plurality of cooking programs divided into a predetermined duration of states in a cooking cycle which are capable of running for a predetermined percentage of a total cook time, wherein each of said plurality of cooking programs define for defining a plurality of high speed cooking routines for alternating between hot air impingement cooking and microwave cooking at fixed increments of capacity for a predetermined time; available for use with said oven;

(c) a gateway server communicatively coupled to a plurality of household systems and further communicatively coupled to said programmable controller for

managing the communication of digital data content which is at least in-part related to operation and utilization of said high speed improved oven; and

(d) a broadband communication channel extending from a source of digital data content, which is external to a said residence, to said residence, for delivering particular digital data content related to said high speed oven through said gateway server for distribution within said residence including distribution to said programmable controller of said high speed oven in order to facilitate cooking operations utilizing said high speed oven.

9. **(Currently Amended)** The high speed An-improved oven according to claim 8, wherein said gateway server comprises a data processing device housed in a location external to said high speed improved oven.

10. **(Currently Amended)** The high speed An-improved oven according to claim 8, wherein said gateway server comprises at least one data processing device from the following data processing devices:

- (1) a home personal computing system;
- (2) a set top cable box;
- (3) an internet appliance;
- (4) a combination television and internet appliance;
- (5) a home automation system;
- (6) a satellite communication system;
- (7) a residential broadband bi-directional communication system.

11. **(Currently Amended)** The high speed An-improved oven according to claim 8, wherein said gateway server and said programmable controller of said high speed oven communicate through an input/output system which allows at least one of the following types of communication;

- (1) serial communication of data;
- (2) parallel communication of data;
- (3) communication of control signals;
- (4) communication of digital data content.

12. **(Currently Amended)** The high speed An-improved oven according to claim 8, wherein said programmable controller of said high speed improved oven is communicatively coupled through said gateway server to at least one of the following devices:

- (1) a home personal computing system;
- (2) a home television system;
- (3) a home video display system; and
- (4) a code reading device..

13. **(Currently Amended)** The high speed An-improved oven according to claim 8, wherein said programmable controller of said high speed improved oven operates collaboratively with said gateway server to define a broadband communication system which allows a the bi-directional communication of digital data content between a residence and resources external of said residence.

14. **(Currently Amended)** The high speed An-improved oven according to claim 13, wherein said broadband communication system allows communication speeds as low as a slow modem connection and as high as the highest commercially possible data rates.